

In the Claims:

Cancel claim 4.

Claim 1 (third time amended). A variable length cutting device, comprising:

a rotary cutter;

a transfer cylinder cooperating with said rotary cutter for cutting a ribbon into signatures having a desired cutoff length, said transfer cylinder having a central cylinder axis, a circumferential region, and including a gripper and a tucking blade disposed in said circumferential region at a fixed distance from said central cylinder axis; and

an adjustable diameter portion disposed between said gripper and said tucking blade in said circumferential region of said transfer cylinder, said adjustable diameter portion being movable in a direction toward and away from said central cylinder axis for adjusting the desired cutoff length of the signatures.

Claim 8 (amended). A variable length cutoff folder, comprising:

a rotary cutter;

a transfer cylinder configured to cooperate with said rotary cutter for cutting a ribbon into signatures having a desired cutoff length, said transfer cylinder having a central cylinder axis and a circumferential region;

an adjustable diameter portion disposed in said circumferential region of said transfer cylinder, said adjustable diameter portion connected to said transfer cylinder and being movable in a direction toward and away from said central cylinder axis for adjusting the desired cutoff length of the signatures;

a jaw cylinder having a cylinder jacket and a jaw provided on said cylinder jacket; and

a gripper and a tucking blade provided in said circumferential region of said transfer cylinder at a fixed distance from said cylinder axis, cooperating with said jaw for folding the signatures into said jaw, and said adjustable diameter portion being located between said gripper and said tucking blade.

Claim 9 (amended). A variable length cutting device, comprising:

a rotary cutter;

a transfer cylinder cooperating with said rotary cutter for cutting a ribbon into signatures having a desired cutoff length, said transfer cylinder having a central cylinder axis, a circumferential region carrying the ribbon during a cutting operation, and including a gripper and a tucking blade disposed in said circumferential region at a fixed distance from said central cylinder axis; and

an adjustable diameter portion disposed between said gripper and said tucking blade in said circumferential region of said transfer cylinder, said adjustable diameter portion being movable in a direction toward and away from said central cylinder axis for adjusting the desired cutoff length of the signatures by selectively shortening and lengthening the circumferential region carrying the ribbon.

Add the Following New Claims:

Claim 10 (new). A variable length cutting device, comprising:

a rotary cutter;

a transfer cylinder cooperating with said rotary cutter for cutting a ribbon into signatures having a desired cutoff

length, said transfer cylinder having a central cylinder axis and a circumferential region; and

an adjustable roller disposed in said circumferential region of said transfer cylinder, said adjustable roller being movable in a direction toward and away from said central cylinder axis for adjusting the desired cutoff length of the signatures.

Claim 11 (new). A variable length cutting device, comprising:

a rotary cutter;

a transfer cylinder cooperating with said rotary cutter for cutting a ribbon into signatures having a desired cutoff length, said transfer cylinder having a central cylinder axis and a circumferential region;

a linear jack and an eccentric jack; and

an adjustable diameter portion disposed in said circumferential region of said transfer cylinder, said linear jack and said eccentric jack being connected to said adjustable diameter portion, and moving said adjustable diameter portion in a direction toward and away from said

central cylinder axis for adjusting the desired cutoff length of the signatures.